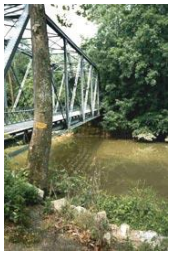

2012

Prince George's County Annual HIV Epidemiological Profile

2012 Prince George's County Annual HIV Epidemiological Profile

Data reported through December 31, 2013

Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Bureau
Prevention and Health Promotion Administration
Maryland Department of Health and Mental Hygiene
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Section I – Background Information

HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in COMAR 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located by mailing DHMH Form 1140. Reports are also accepted by phone.

- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department by mailing DHMH Form 1140. Reports are also accepted by phone.

- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing DHMH Form 1140. Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the State Health Department to establish electronic reporting.

- Laboratory directors are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland State Health Department, by mailing DHMH Form 4492. Laboratories are encouraged to contact the State Health Department to establish electronic reporting.

Reporting forms and instructions are available on our website:
http://phpa.dhmh.maryland.gov/oideor/chse/sitepages/reporting-material.aspx

For Assistance with HIV/AIDS Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health and Mental Hygiene at 410-767-5061.

Limitations in the HIV/AIDS Data

This epidemiological profile only contains data for HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis. Nationally, it has been estimated that 14% of people living with HIV infection are undiagnosed. In addition, despite a massive effort during which over 17,000 HIV cases were reported after the Maryland HIV reporting law changed on April 24, 2007, not all diagnosed HIV cases previously reported by Maryland's code-based identifier were located and re-reported by name. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an under-reporting of HIV diagnoses before 2001 and an over-reporting of HIV diagnoses from 2001 to 2008. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in the number of reported HIV diagnoses.

It is important to note that HIV surveillance is the ongoing systematic collection, analysis, interpretation, and dissemination of HIV disease data. Furthermore, laboratory data are only available for cases receiving medical care, usually only at facilities in Maryland, and only includes test results that have been reported to the health department. Linkage to care data is based solely on laboratory data reported to the health department.

Stages of a Case of HIV/AIDS

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

A case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, and years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would probably be many years after the initial HIV infection [time point 1].

Changes in Case Terminology

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both new and old cases. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, the reports received through a certain time (the end of the year) are used to generate the number of diagnoses during the prior years. This one year lag allows for delays in reporting and time to complete investigations. For example, the Reported HIV Diagnoses for 2012 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2012-12/31/2012, as reported by name through 12/31/2013.

To calculate the number of Living Cases we count up all of the Reported Diagnoses from the beginning of the epidemic (all the new cases each year) and subtract all of the Reported Deaths. For example, the Total Living HIV Cases on 12/31/2012 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2012 as reported by name through 12/31/2013.

Laboratory Data

CD4+ T-lymphocyte tests are measures of a person's immune system function. An HIV infected adult is considered to have AIDS if they have less than 200 CD4 cells per microliter of blood. Viral load (VL) tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Treatment recommendations are that a person in HIV medical care should have their CD4 and VL levels measured at least 2-3 times per year. We use the presence of these lab tests as an indicator that someone has been "linked to care" after diagnosis or is "in care".

Sources of Data

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health and Mental Hygiene's Enhanced HIV/AIDS Reporting System (eHARS), December 31, 2013.

Population data by sex, age, and race are from the July 1, 2012 U.S. Census Estimates and by country-of-birth from the 2012 American Community Survey (note the differences in total population due to different sources). Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

Tabulation of Column Totals

Figures in tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

Data Suppression

In order to protect the confidentiality of reported HIV cases, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g. ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than 5 cases.
- All exposure/risk information if it is describing less than 5 cases, except in the case of "other" exposure.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

On-line Mapping Tool

Please visit the Maryland Department of Health and Mental Hygiene's website at http://phpa.dhmh.maryland.gov/oideor/chse to create your own maps of adult/adolescent HIV rates by jurisdiction of residence, subset them by sex at birth and race/ethnicity, zoom in to the jurisdiction level, plot the locations of HIV testing sites, and print out your custom map.

HIV Exposure Categories

The Centers for Disease Control and Prevention (CDC) developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and therefore counted only once. Men who have sex with men and report injection drug use constitutes a separate transmission category.

MSM (Men who have Sex with Men): Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

Injection Drug Use (IDU): Men or women who report receiving an injection, either self-administered or given by another person, of a drug that was not prescribed by a physician.

MSM/IDU: Men who report a history of sexual contact with other men who also have engaged in injection drug use.

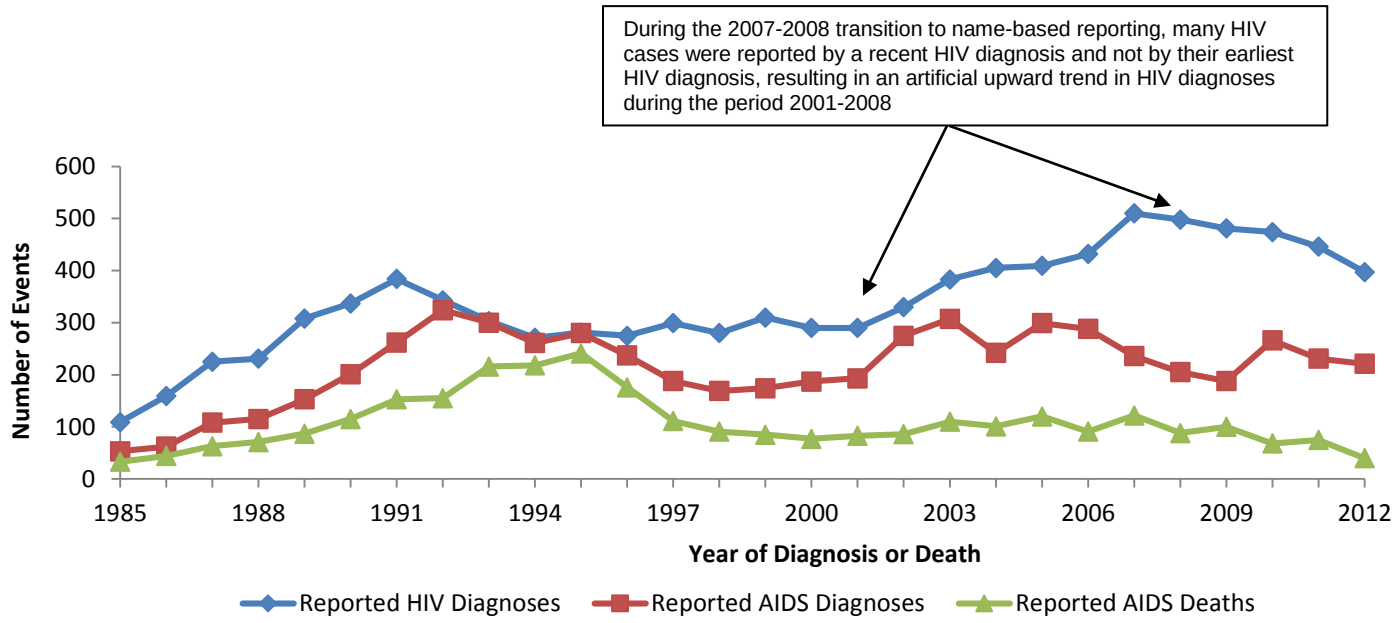
Heterosexual Exposure (HET): Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue and artificial insemination.

Perinatal Exposure: Any baby born to an HIV positive mother.

Section II – Trends 1985-2012

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2012, Reported through 12/31/2013

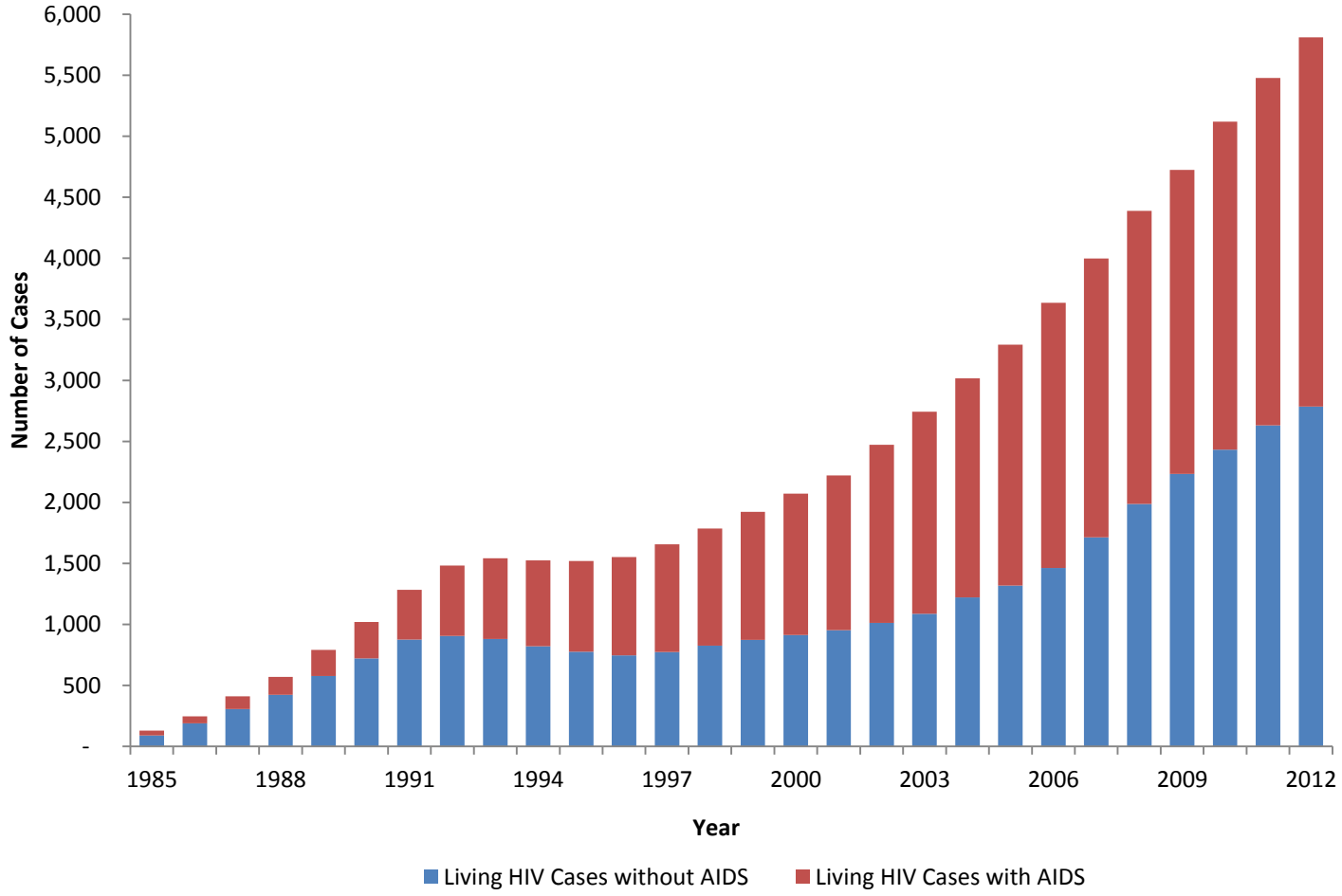
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnosis) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2012 as Reported through 12/31/2013



YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	66	39	19	**1999**	310	174	85
1985	109	53	33	**2000**	290	187	77
1986	159	62	44	**2001**	290	193	83
1987	225	108	63	**2002**	330	275	86
1988	231	115	71	**2003**	383	307	110
1989	308	153	87	**2004**	405	242	101
1990	337	201	115	**2005**	409	299	120
1991	384	262	153	**2006**	432	288	91
1992	343	324	155	**2007**	510	236	122
1993	303	300	216	**2008**	498	205	88
1994	271	261	218	**2009**	481	188	100
1995	281	280	241	**2010**	474	266	68
1996	275	237	176	**2011**	446	231	75
1997	299	188	111	**2012**	397	221	40
1998	280	169	91	**TOTAL**	9,526	6,064	3,039

Figure 2 – Trends in Living HIV Cases, 1985-2012, Reported through 12/31/2013

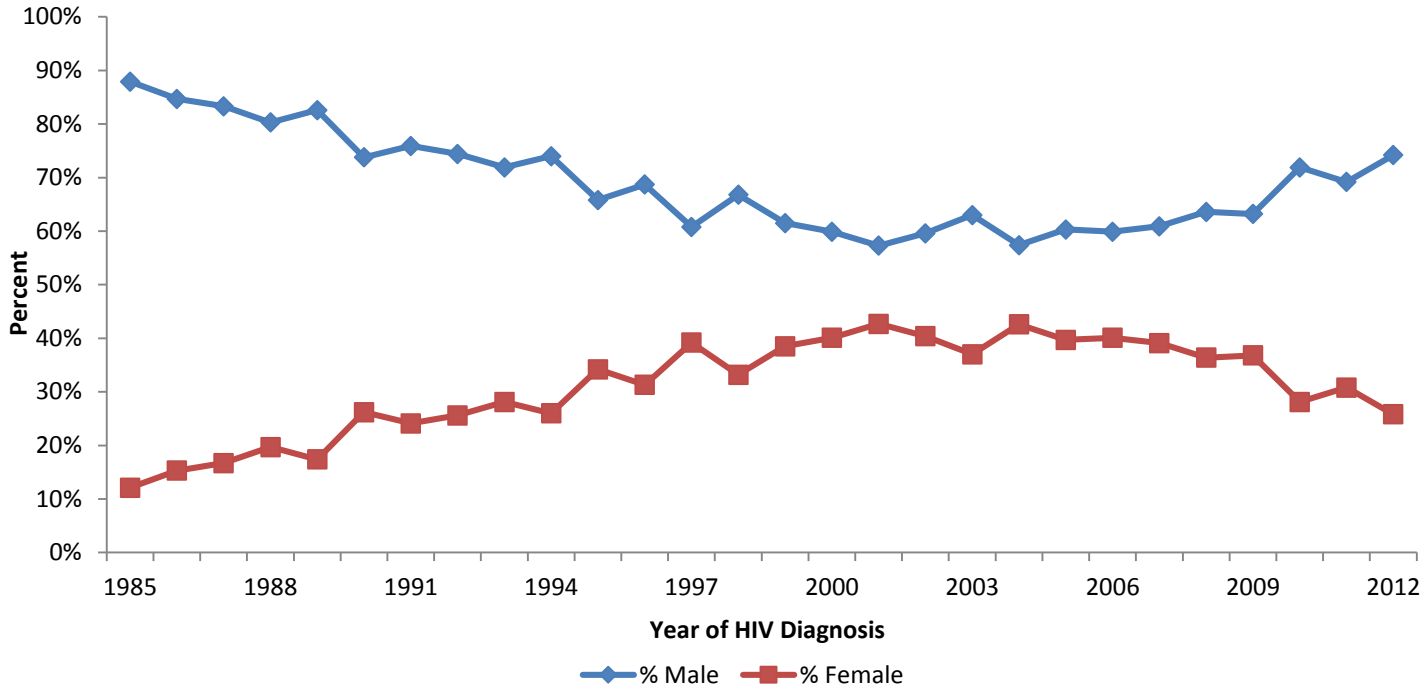
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2012, as Reported through 12/31/2013



YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases	YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases
1985	89	40	129	**1999**	874	1,049	1,923
1986	189	58	247	**2000**	912	1,159	2,071
1987	307	103	410	**2001**	952	1,269	2,221
1988	422	147	569	**2002**	1,013	1,458	2,471
1989	577	213	790	**2003**	1,088	1,655	2,743
1990	722	299	1,021	**2004**	1,220	1,796	3,016
1991	875	408	1,283	**2005**	1,318	1,975	3,293
1992	905	577	1,482	**2006**	1,462	2,172	3,634
1993	881	661	1,542	**2007**	1,713	2,286	3,999
1994	820	704	1,524	**2008**	1,986	2,403	4,389
1995	776	743	1,519	**2009**	2,233	2,491	4,724
1996	747	805	1,552	**2010**	2,431	2,689	5,120
1997	774	882	1,656	**2011**	2,632	2,845	5,477
1998	825	960	1,785	**2012**	2,784	3,026	5,810

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2012, Reported through 12/31/2013

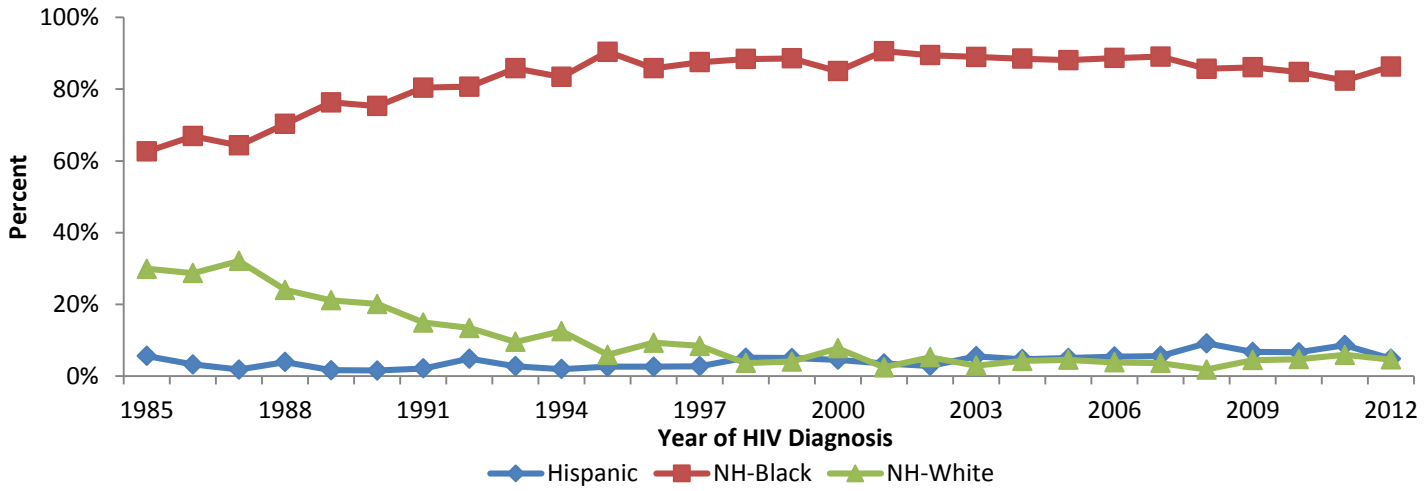
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses			YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses		
	No.	% Male	% Female		No.	% Male	% Female
<1985	62	88.7%	11.3%	**1999**	299	61.5%	38.5%
1985	107	87.9%	12.1%	**2000**	287	59.9%	40.1%
1986	157	84.7%	15.3%	**2001**	288	57.3%	42.7%
1987	221	83.3%	16.7%	**2002**	324	59.6%	40.4%
1988	229	80.3%	19.7%	**2003**	381	63.0%	37.0%
1989	304	82.6%	17.4%	**2004**	401	57.4%	42.6%
1990	328	73.8%	26.2%	**2005**	403	60.3%	39.7%
1991	377	75.9%	24.1%	**2006**	426	59.9%	40.1%
1992	336	74.4%	25.6%	**2007**	496	60.9%	39.1%
1993	295	71.9%	28.1%	**2008**	495	63.6%	36.4%
1994	265	74.0%	26.0%	**2009**	481	63.2%	36.8%
1995	272	65.8%	34.2%	**2010**	473	71.9%	28.1%
1996	268	68.7%	31.3%	**2011**	442	69.2%	30.8%
1997	296	60.8%	39.2%	**2012**	395	74.2%	25.8%
1998	277	66.8%	33.2%	**TOTAL**	9,385	67.7%	32.3%

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2012, Reported through 12/31/2013

Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013

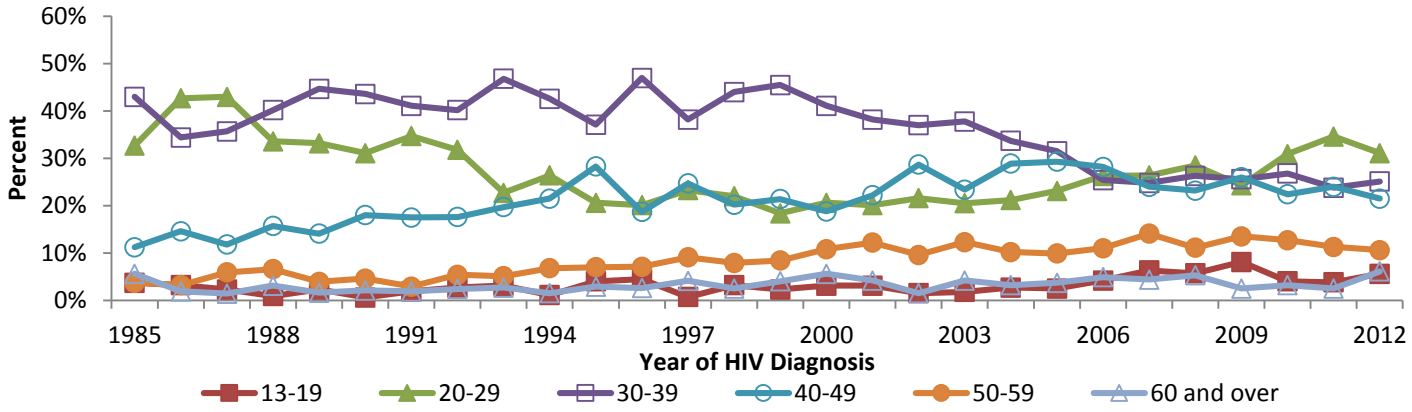


Non-Hispanic Other race not shown

YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	62	0.0%	69.4%	30.6%	0.0%
1985	107	5.6%	62.6%	29.9%	1.9%
1986	157	3.2%	66.9%	28.7%	1.3%
1987	221	1.8%	64.3%	32.1%	1.8%
1988	229	3.9%	70.3%	24.0%	1.7%
1989	304	1.6%	76.3%	21.1%	1.0%
1990	328	1.5%	75.3%	20.1%	3.0%
1991	377	2.1%	80.4%	14.9%	2.7%
1992	336	4.8%	80.7%	13.4%	1.2%
1993	295	2.7%	85.8%	9.5%	2.0%
1994	265	1.9%	83.4%	12.5%	2.3%
1995	272	2.6%	90.4%	5.9%	1.1%
1996	268	2.6%	85.8%	9.3%	2.2%
1997	296	2.7%	87.5%	8.4%	1.4%
1998	277	5.1%	88.4%	3.6%	2.9%
1999	299	5.0%	88.6%	4.0%	2.3%
2000	287	4.5%	85.0%	7.7%	2.8%
2001	288	3.5%	90.6%	2.4%	3.5%
2002	324	2.8%	89.5%	5.2%	2.5%
2003	381	5.5%	89.0%	2.9%	2.6%
2004	401	4.7%	88.5%	4.2%	2.5%
2005	403	5.0%	88.1%	4.5%	2.5%
2006	426	5.4%	88.7%	3.8%	2.1%
2007	496	5.6%	89.1%	3.6%	1.6%
2008	495	9.1%	85.7%	1.8%	3.4%
2009	481	6.7%	86.1%	4.4%	2.9%
2010	473	6.6%	84.8%	4.7%	4.0%
2011	442	8.6%	82.4%	5.9%	3.2%
2012	395	4.8%	86.3%	4.6%	4.3%
TOTAL	9,385	4.6%	84.2%	8.8%	2.5%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2012, Reported through 12/31/2013

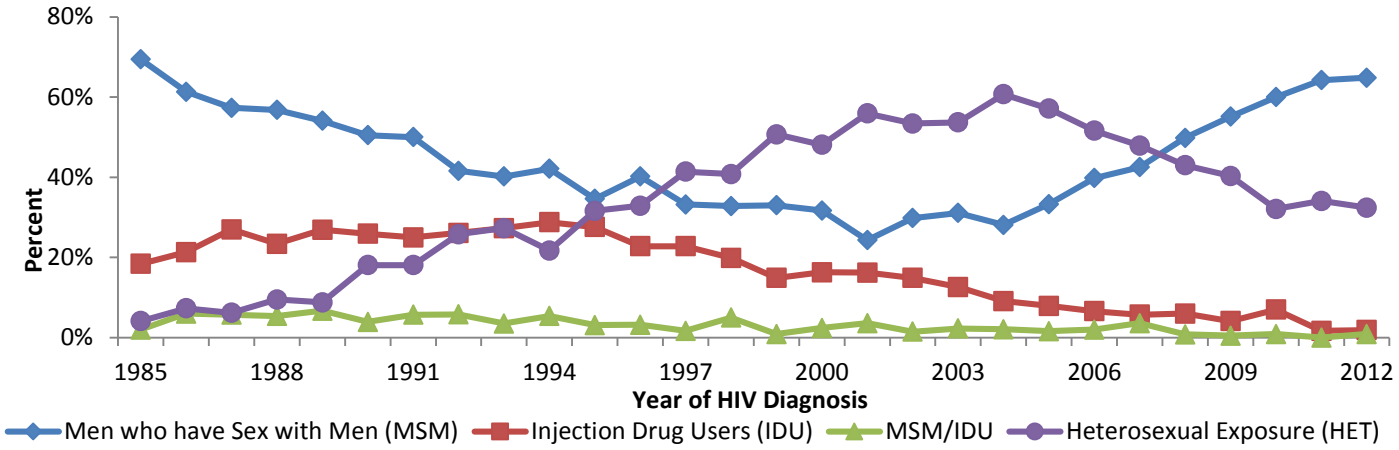
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses						
	No.	% Age 13-19	% Age 20-29	% Age 30-39	% Age 40-49	% Age 50-59	% Age 60+
<1985	62	8.1%	38.7%	32.3%	17.7%	1.6%	1.6%
1985	107	3.7%	32.7%	43.0%	11.2%	3.7%	5.6%
1986	157	3.2%	42.7%	34.4%	14.6%	3.2%	1.9%
1987	221	2.3%	43.0%	35.7%	11.8%	5.9%	1.4%
1988	229	0.9%	33.6%	40.2%	15.7%	6.6%	3.1%
1989	304	2.3%	33.2%	44.7%	14.1%	3.9%	1.6%
1990	328	0.6%	31.1%	43.6%	18.0%	4.6%	2.1%
1991	377	1.9%	34.7%	41.1%	17.5%	2.9%	1.9%
1992	336	2.7%	31.8%	40.2%	17.6%	5.4%	2.4%
1993	295	3.1%	22.7%	46.8%	19.7%	5.1%	2.7%
1994	265	1.1%	26.4%	42.6%	21.5%	6.8%	1.5%
1995	272	4.0%	20.6%	37.1%	28.3%	7.0%	2.9%
1996	268	4.5%	20.1%	47.0%	18.7%	7.1%	2.6%
1997	296	0.7%	23.3%	38.2%	24.7%	9.1%	4.1%
1998	277	3.2%	22.0%	44.0%	20.2%	7.9%	2.5%
1999	299	2.3%	18.4%	45.5%	21.4%	8.4%	4.0%
2000	287	3.1%	20.6%	41.1%	18.8%	10.8%	5.6%
2001	288	3.1%	20.1%	38.2%	22.2%	12.2%	4.2%
2002	324	1.5%	21.6%	37.0%	28.7%	9.6%	1.5%
2003	381	1.8%	20.5%	37.8%	23.4%	12.3%	4.2%
2004	401	2.7%	21.2%	33.7%	28.9%	10.2%	3.2%
2005	403	2.5%	23.1%	31.5%	29.3%	9.9%	3.7%
2006	426	4.2%	26.3%	25.4%	28.2%	11.0%	4.9%
2007	496	6.3%	26.4%	24.8%	24.0%	14.1%	4.4%
2008	495	5.7%	28.5%	26.3%	23.2%	11.1%	5.3%
2009	481	8.1%	24.3%	25.6%	26.0%	13.5%	2.5%
2010	473	4.0%	30.9%	26.8%	22.4%	12.7%	3.2%
2011	442	3.8%	34.6%	23.8%	24.0%	11.3%	2.5%
2012	395	5.6%	31.1%	25.1%	21.5%	10.6%	6.1%
TOTAL	9,385	3.5%	27.0%	34.9%	22.2%	9.1%	3.3%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2012, Reported through 12/31/2013

Percent by Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



Other Exposure Category not shown

YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					
		No.	% MSM	% IDU	% MSM/IDU	% HET	% Other Exposure
<1985	62	55	67.3%	16.4%	3.6%	10.9%	1.8%
1985	107	98	69.4%	18.4%	2.0%	4.1%	6.1%
1986	157	150	61.3%	21.3%	6.0%	7.3%	4.0%
1987	221	211	57.3%	27.0%	5.7%	6.2%	3.8%
1988	229	222	56.8%	23.4%	5.4%	9.5%	5.0%
1989	304	283	54.1%	26.9%	6.7%	8.8%	3.5%
1990	328	309	50.5%	25.9%	3.9%	18.1%	1.6%
1991	377	348	50.0%	25.0%	5.7%	18.1%	1.1%
1992	336	291	41.6%	26.1%	5.8%	25.8%	0.7%
1993	295	256	40.2%	27.3%	3.5%	27.3%	1.6%
1994	265	240	42.1%	28.8%	5.4%	21.7%	2.1%
1995	272	228	34.6%	27.6%	3.1%	31.6%	3.1%
1996	268	219	40.2%	22.8%	3.2%	32.9%	0.9%
1997	296	232	33.2%	22.8%	1.7%	41.4%	0.9%
1998	277	201	32.8%	19.9%	5.0%	40.8%	1.5%
1999	299	221	33.0%	14.9%	0.9%	50.7%	0.5%
2000	287	208	31.7%	16.3%	2.4%	48.1%	1.4%
2001	288	222	24.3%	16.2%	3.6%	55.9%	0.0%
2002	324	262	29.8%	14.9%	1.5%	53.4%	0.4%
2003	381	309	31.1%	12.6%	2.3%	53.7%	0.3%
2004	401	285	28.1%	9.1%	2.1%	60.7%	0.0%
2005	403	252	33.3%	7.9%	1.6%	57.1%	0.0%
2006	426	256	39.8%	6.6%	2.0%	51.6%	0.0%
2007	496	280	42.5%	5.7%	3.6%	47.9%	0.4%
2008	495	249	49.8%	6.0%	0.8%	43.0%	0.4%
2009	481	196	55.1%	4.1%	0.5%	40.3%	0.0%
2010	473	215	60.0%	7.0%	0.9%	32.1%	0.0%
2011	442	179	64.2%	1.7%	0.0%	34.1%	0.0%
2012	395	213	64.8%	1.9%	0.9%	32.4%	0.0%
TOTAL	9,385	6,690	43.8%	17.0%	3.2%	34.8%	1.3%

Section III – Adult/Adolescent Cases by Jurisdiction

Table 1 – Adult/Adolescent HIV Diagnoses during 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Jurisdiction, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT HIV DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses									
		No. with HIV Diagnosis	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late HIV Diagnosis	% Late HIV Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
20601	256	***	***	***	***	***	***	***	***	***	***
20607	8,340	1	0.3%	12.0	***	***	***	***	***	***	***
20608	817	***	***	***	***	***	***	***	***	***	***
20613	8,771	2	0.5%	22.8	***	***	***	***	***	***	***
20623	2,368	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	0
20705	21,865	7	1.8%	32.0	7	100.0%	***	***	6	85.7%	356
20706	31,914	21	5.3%	65.8	13	61.9%	6	28.6%	17	81.0%	424
20707	26,566	6	1.5%	22.6	5	83.3%	***	***	6	100.0%	148
20708	20,990	13	3.3%	61.9	8	61.5%	6	46.2%	10	76.9%	213
20710	7,602	6	1.5%	78.9	***	***	***	***	5	83.3%	639
20712	7,627	11	2.8%	144.2	9	81.8%	***	***	8	72.7%	340
20715	22,923	2	0.5%	8.7	***	***	***	***	***	***	***
20716	17,490	5	1.3%	28.6	***	***	***	***	***	***	***
20720	17,587	6	1.5%	34.1	5	83.3%	5	83.3%	5	83.3%	34
20721	23,063	7	1.8%	30.4	***	***	***	***	***	***	***
20722	4,787	3	0.8%	62.7	***	***	***	***	***	***	***
20735	30,643	18	4.6%	58.7	12	66.7%	5	27.8%	13	72.2%	282
20737	16,526	6	1.5%	36.3	***	***	***	***	***	***	***
20740	26,912	8	2.0%	29.7	5	62.5%	***	***	5	62.5%	256
20742	7,986	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	0
20743	32,574	27	6.8%	82.9	21	77.8%	10	37.0%	21	77.8%	389
20744	44,055	24	6.1%	54.5	13	54.2%	9	37.5%	17	70.8%	349
20745	24,205	23	5.8%	95.0	16	69.6%	11	47.8%	18	78.3%	325
20746	24,188	20	5.1%	82.7	14	70.0%	6	30.0%	16	80.0%	381
20747	33589	30	7.6%	--	23	76.7%	10	33.3%	23	76.7%	435
20748	33,632	20	5.1%	59.5	14	70.0%	***	***	15	75.0%	356
20762	2,078	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	0
20769	5,558	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	0
20770	21,398	11	2.8%	51.4	6	54.5%	5	45.5%	10	90.9%	284
20772	36,332	7	1.8%	19.3	6	85.7%	***	***	7	100.0%	78
20774	36,929	26	6.6%	70.4	16	61.5%	7	26.9%	17	65.4%	273
20781	9,578	3	0.8%	31.3	***	***	***	***	***	***	***
20782	26,062	20	5.1%	76.7	16	80.0%	8	40.0%	17	85.0%	294
20783	37,735	10	2.5%	26.5	***	***	***	***	6	60.0%	402
20784	24,081	11	2.8%	45.7	7	63.6%	***	***	10	90.9%	369
20785	28,953	33	8.4%	114.0	30	91.7%	11	33.3%	26	78.8%	295
20903	4,430	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	0
20904	265	***	***	***	***	***	***	***	***	***	***
20912	2,894	3	0.8%	103.7	***	***	***	***	***	***	***

Unknown	--	4	1.0%	--	***	***	***	***	***	***	***
TOTAL	733,568	194	13.2%	26.4	144	74.2%	75	38.7%	164	84.5%	308

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.
Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.
Population Age 13+: Population age 13 years or older, estimate for 7/1/2012.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.
Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.
Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.
Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.
Percent Late HIV Diagnosis (for HIV diagnoses): Number and percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 2 – Adult/Adolescent AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT AIDS DIAGOSIS	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
20601	256	***	***	***	***	***
20607	8,340	1	0.5%	12.0	3.7	45.2%
20608	817	***	***	***	***	***
20613	8,771	1	0.5%	11.4	4.6	42.4%
20623	2,368	0	0.0%	0.0	--	0.0%
20705	21,865	3	1.4%	13.7	0.1	100.0%
20706	31,914	8	3.7%	25.1	2.7	75.0%
20707	26,566	10	4.6%	37.6	1.6	60.0%
20708	20,990	8	3.7%	38.1	2.2	62.5%
20710	7,602	5	2.3%	65.8	1	80.0%
20712	7,627	1	0.5%	13.1	3.2	0.0%
20715	22,923	2	0.9%	8.7	1.5	50.0%
20716	17,490	1	0.5%	5.7	3	0.0%
20720	17,587	6	2.8%	34.1	1	66.7%
20721	23,063	3	1.4%	13.0	2	66.7%
20722	4,787	0	0.0%	0.0	--	0.0%
20735	30,643	5	2.3%	16.3	3.2	80.0%
20737	16,526	3	1.4%	18.2	1.1	66.7%
20740	26,912	3	1.4%	11.1	3.7	33.3%
20742	7,986	0	0.0%	0.0	--	0.0%
20743	32,574	15	6.9%	46.0	2	73.3%
20744	44,055	11	5.0%	25.0	2.4	72.7%
20745	24,205	12	5.5%	0.0	0.4	91.7%
20746	24,188	16	7.3%	66.1	2.2	43.8%
20747	33589	23	10.6%	68.5	1.4	65.2%
20748	33,632	13	6.0%	38.7	4.3	30.8%
20762	2,078	0	0.0%	0.0	--	0.0%
20769	5,558	0	0.0%	0.0	--	0.0%
20770	21,398	8	3.7%	37.4	1.9	62.5%
20772	36,332	7	3.2%	19.3	4.1	71.4%
20774	36,929	12	5.5%	32.5	3.3	75.0%
20781	9,578	0	0.0%	0.0	--	0.0%
20782	26,062	12	5.5%	46.0	4.1	50.0%
20783	37,735	4	1.8%	0.0	1.2	50.0%
20784	24,081	10	4.6%	41.5	1.9	50.0%
20785	28,953	12	5.5%	41.4	4.1	50.0%
20903	4,430	0	0.0%	0.0	--	0.0%
20904	265	***	***	***	***	***
20912	2,894	2	0.9%	69.1	0	100.0%
Unknown	--	0	0.0%	--	--	--

TOTAL	733,568	6	0.6%	0.8	2.3	50.0%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.
Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.
Population Age 13+: Population age13 years or older, estimate for 7/1/2012.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.
Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 3 – Adult/Adolescent HIV Cases Alive on 12/31/2012, by Jurisdiction, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
20601	256	***	***	***	***	***	***	***	***	***	***
20607	8,340	15	0.6%	179.9	8	0.3%	95.9	23	0.4%	275.8	362
20608	817	***	***	***	***	***	***	***	***	***	***
20613	8,771	11	0.4%	125.4	15	0.5%	171.0	26	0.5%	296.4	337
20623	2,368	***	***	***	11	0.4%	464.6	***	***	***	***
20705	21,865	41	1.5%	187.5	61	2.0%	279.0	102	1.8%	466.5	214
20706	31,914	115	4.2%	360.3	126	4.2%	394.8	241	4.2%	755.2	132
20707	26,566	64	2.4%	240.9	43	1.4%	161.9	107	1.9%	402.8	248
20708	20,990	76	2.8%	362.1	83	2.8%	395.4	159	2.8%	757.5	132
20710	7,602	43	1.6%	565.7	31	1.0%	407.8	74	1.3%	973.5	102
20712	7,627	49	1.8%	642.4	49	1.6%	642.4	98	1.7%	1284.9	77
20715	22,923	23	0.8%	100.3	17	0.6%	74.2	40	0.7%	174.5	573
20716	17,490	29	1.1%	165.8	35	1.2%	200.1	64	1.1%	365.9	273
20720	17,587	22	0.8%	125.1	29	1.0%	164.9	51	0.9%	290.0	344
20721	23,063	50	1.8%	216.8	63	2.1%	273.2	113	2.0%	490.0	204
20722	4,787	24	0.9%	501.4	36	1.2%	752.1	60	1.1%	1,253.4	79
20735	30,643	101	3.7%	329.6	129	4.3%	421.0	230	4.0%	750.6	133
20737	16,526	60	2.2%	363.1	77	2.6%	465.9	137	2.4%	829.0	120
20740	26,912	42	1.5%	156.1	33	1.1%	122.6	75	1.3%	278.7	358
20742	7,986	***	***	***	***	***	***	5	0.1%	62.6	1597
20743	32,574	211	7.8%	647.7	307	10.3%	942.5	518	9.1%	1,590.2	62
20744	44,055	146	5.4%	331.4	160	5.3%	363.2	306	5.4%	694.6	143
20745	24,205	118	4.3%	487.5	152	5.1%	628.0	270	4.7%	1,115.5	89
20746	24,188	161	5.9%	665.6	129	4.3%	533.3	290	5.1%	1,198.9	83
20747	33589	184	6.8%	547.8	200	6.7%	595.4	384	6.7%	1,143.2	87
20748	33,632	183	6.7%	544.1	198	6.6%	588.7	381	6.7%	1,132.8	88
20762	2,078	***	***	***	***	***	***	5	0.1%	240.6	415
20769	5,558	5	0.2%	90.0	7	0.2%	125.9	12	0.2%	215.9	463
20770	21,398	86	3.2%	401.9	110	3.7%	514.1	196	3.4%	916.0	109
20772	36,332	97	3.6%	267.0	87	2.9%	239.5	184	3.2%	506.4	197
20774	36,929	132	4.9%	357.4	116	3.9%	314.1	248	4.3%	671.6	148
20781	9,578	30	1.1%	313.2	39	1.3%	407.2	69	1.2%	720.4	138
20782	26,062	122	4.5%	468.1	120	4.0%	460.4	242	4.2%	928.6	107
20783	37,735	101	3.7%	267.7	139	4.6%	368.4	240	4.2%	636.0	157
20784	24,081	107	3.9%	444.3	143	4.8%	593.8	250	4.4%	1,038.2	96
20785	28,953	216	7.9%	746.0	192	6.4%	663.2	408	7.1%	1,409.2	70
20903	4,430	***	***	***	***	***	***	8	0.1%	180.6	553
20904	265	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
20912	2,894	14	0.5%	483.8	19	0.6%	656.6	33	0.6%	1,140.4	87
Unknown	--	24	0.9%	--	13	0.4%	--	37	0.6%	--	--
TOTAL	733,568	2,719	100.0%	370.7	2,993	100.0%	408.0	5,712	100.0%	778.7	128

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.
Population Age 13+: Population greater than or equal to13 years old, estimate for 7/1/2012.
Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 4 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, Reported through 12/31/2013

JURISTDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
20601	***	***	***	***	***	***	***	***
20607	23	12	52.2%	391	8.3%	33.3%	25.0%	33.3%
20608	***	***	***	***	***	***	***	***
20613	26	18	69.2%	425	27.8%	16.7%	16.7%	38.9%
20623	14	6	42.9%	334	0.0%	50.0%	16.7%	33.3%
20705	***	***	***	***	***	***	***	***
20706	102	54	52.9%	488	14.8%	14.8%	22.2%	48.1%
20707	241	142	58.9%	456	15.5%	21.1%	23.2%	40.1%
20708	107	52	48.6%	537	15.4%	19.2%	11.5%	53.8%
20710	159	92	57.9%	491	13.0%	18.5%	20.7%	47.8%
20712	74	35	47.3%	494	20.0%	11.4%	20.0%	48.6%
20715	98	46	46.9%	521	4.3%	17.4%	23.9%	54.3%
20716	40	18	45.0%	537	11.1%	11.1%	22.2%	55.6%
20720	64	30	46.9%	530	16.7%	16.7%	13.3%	53.3%
20721	51	33	64.7%	394	21.2%	18.2%	21.2%	39.4%
20722	113	64	56.6%	478	12.5%	17.2%	21.9%	48.4%
20735	60	41	68.3%	456	22.0%	12.2%	22.0%	43.9%
20737	230	134	58.3%	471	14.2%	12.7%	25.4%	47.8%
20740	137	76	55.5%	422	18.4%	18.4%	21.1%	42.1%
20742	75	34	45.3%	506	11.8%	2.9%	35.3%	50.0%
20743	5	***	***	***	***	***	***	***
20744	518	285	55.0%	475	17.9%	17.9%	18.2%	46.0%
20745	306	171	55.9%	466	15.8%	15.2%	24.0%	45.0%
20746	270	136	50.4%	499	12.5%	17.6%	19.9%	50.0%
20747	290	155	53.4%	430	23.9%	13.5%	21.3%	41.3%
20748	384	198	51.6%	479	18.7%	16.7%	16.7%	48.0%
20762	381	200	52.5%	492	13.5%	20.0%	17.5%	49.0%
20769	5	***	***	***	***	***	***	***
20770	12	5	41.7%	597	0.0%	40.0%	0.0%	60.0%
20772	***	***	***	***	***	***	***	***
20774	196	103	52.6%	456	18.4%	11.7%	22.3%	47.6%
20781	184	103	56.0%	531	16.5%	14.6%	16.5%	52.4%
20782	248	152	61.3%	486	11.8%	21.1%	20.4%	46.7%
20783	69	32	46.4%	575	15.6%	12.5%	6.3%	65.6%
20784	242	140	57.9%	419	10.7%	28.6%	22.9%	37.9%
20785	240	107	44.6%	454	12.1%	19.6%	25.2%	43.0%
20903	250	129	51.6%	462	18.6%	16.3%	23.3%	41.9%
20904	0	0	0.0%	0	0.0%	0.0%	0.0%	0.0%
20912	33	23	69.7%	545	21.7%	17.4%	4.3%	56.5%
Unknown	42	13	31.0%	612	0.0%	7.7%	46.2%	61.5%
TOTAL	5,712	3,051	53.4%	471	15.5%	17.1%	20.9%	46.4%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.
Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.
Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.
CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, by Jurisdiction, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
20601	***	***	***	***	***
20607	23	12	52.2%	75.0%	142,764
20608	***	***	***	***	***
20613	26	18	69.2%	77.8%	1,077
20623	14	5	35.7%	60.0%	884
20705	102	54	52.9%	70.4%	6,599
20706	241	140	58.1%	68.6%	13,685
20707	107	54	50.5%	61.1%	1,620
20708	159	88	55.3%	73.9%	21,238
20710	74	32	43.2%	68.8%	2,643
20712	98	46	46.9%	87.0%	17,149
20715	40	18	45.0%	88.9%	63,984
20716	64	26	40.6%	61.5%	6,505
20720	51	34	66.7%	76.5%	3,901
20721	113	68	60.2%	77.9%	25,990
20722	60	38	63.3%	68.4%	13,332
20735	230	130	56.5%	68.5%	2,160
20737	137	68	49.6%	64.7%	3,332
20740	75	38	50.7%	68.4%	11,042
20742	5	***	***	***	***
20743	518	277	53.5%	71.5%	8,209
20744	306	172	56.2%	70.9%	16,137
20745	270	136	50.4%	66.2%	9,384
20746	290	151	52.1%	62.3%	32,631
20747	384	199	51.8%	69.8%	6,113
20748	381	200	52.5%	73.5%	14,916
20762	5	***	***	***	***
20769	12	***	***	***	***
20770	196	96	49.0%	71.9%	13,061
20772	184	101	54.9%	74.3%	5,195
20774	248	149	60.1%	70.5%	11,831
20781	69	31	44.9%	77.4%	23,690
20782	242	135	55.8%	73.3%	10,000
20783	240	105	43.8%	77.1%	6,096
20784	250	121	48.4%	71.9%	8,560
20785	408	200	49.0%	68.0%	7,916
20903	8	5	62.5%	60.0%	246
20904	0	0	0.0%	0.0%	0
20912	33	22	66.7%	77.3%	14,860
Unknown	46	14	30.4%	78.6%	2,614
TOTAL	5,712	2,992	52.4%	70.8%	9,354

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

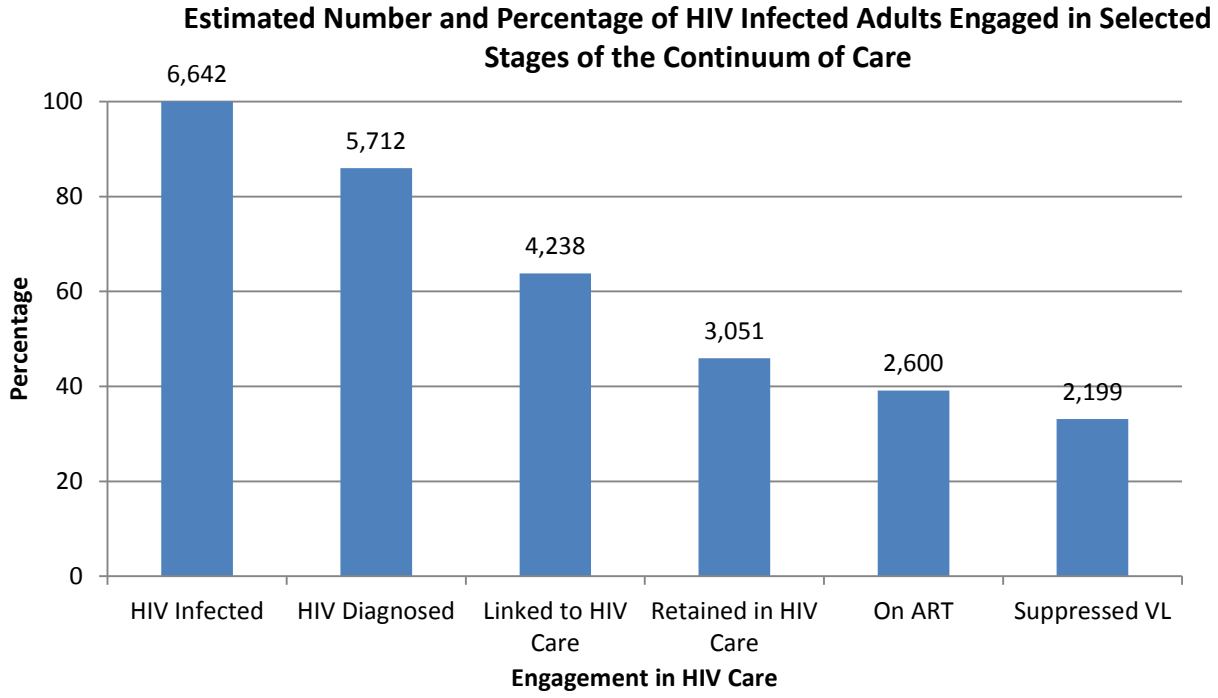
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Figure 7 – Estimated Adult/Adolescent 2012 HIV Continuum of Care, Reported through 12/31/2013

In their 2011 article in Clinical Infectious Diseases, Gardner et al. utilize a continuum of care "cascade" to illustrate national estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care. The Maryland Engagement in HIV Care Cascade (below) uses the national estimate of the number of undiagnosed persons (14%) to generate an estimated total number of HIV infected persons in Maryland, and then uses local data to describe the number and percentage of persons living with HIV in Maryland who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Number	Percentage
HIV Infected	6,642	100.0%
HIV Diagnosed	5,712	86.0%
Linked to HIV Care	4,238	63.8%
Retained in HIV Care	3,051	45.9%
On ART	2,600	39.1%
Suppressed VL	2,199	33.1%

HIV Infected: HIV Diagnosed divided by one minus the national estimate of undiagnosed HIV infections (14%).
HIV Diagnosed: Adult/adolescent total living HIV cases as of December 31st of the specified year.
Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.
Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year
On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.
Suppressed Viral Load: HIV Diagnosed with the most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Section IV – Cases by Age

Table 6 – HIV Diagnoses during 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 12/31/2013

AGE AT HIV DIAGNOSIS	Population	Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late Diagnosis	% Late Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
<5 (Pediatric)	59,143	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
5-12 (Pediatric)	88,427	2	0.5%	2.3	***	***	***	***	***	***	***
13-19	85,649	22	5.5%	25.7	***	***	***	***	***	***	***
20-29	137,878	123	31.0%	89.2	76	61.8%	32	26.0%	92	74.8%	325
30-39	122,945	99	24.9%	80.5	65	65.7%	33	33.3%	73	73.7%	347
40-49	128,283	85	21.4%	66.3	63	74.1%	31	36.5%	65	76.5%	336
50-59	120,735	42	10.6%	34.8	35	83.3%	20	47.6%	38	90.5%	281
60+	138,078	24	6.0%	17.4	17	70.8%	10	41.7%	19	79.2%	319
TOTAL	881,138	397	100.0%	45.1	267	67.3%	131	33.0%	304	76.6%	322

*** Data withheld due to low population counts and/or case counts

Table 7 – AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 12/31/2013

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	59,143	0	0.0%	0.0	--	0.0%
5-12 (Pediatric)	88,427	0	0.0%	0.0	--	0.0%
13-19	85,649	6	2.7%	7.0	1.6	83.3%
20-29	137,878	49	22.2%	35.5	1.9	71.4%
30-39	122,945	49	22.2%	39.9	2.7	61.2%
40-49	128,283	66	29.9%	51.4	3.5	50.0%
50-59	120,735	32	14.5%	26.5	1.9	62.5%
60+	138,078	19	8.6%	13.8	1.9	57.9%
TOTAL	881,138	221	100.0%	25.1	2.6	60.6%

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.
Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.
Population: Population estimate for 7/1/2012.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.
Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.
Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.
Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.
Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.
Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.
Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.
Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Table 8 – HIV Cases Alive on 12/31/2012, by Age on 12/31/2012, Reported through 12/31/2013

AGE ON 12/31/2012	Population	Living HIV Cases without AIDS			Living HIV Cases with AIDS			Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
<5	59,143	1	0.0%	1.7	0	0.0%	0.0	1	0.0%	1.7	59,143
5-12	88,427	29	1.0%	32.8	1	0.0%	1.1	30	0.5%	33.9	2,947
13-19	85,649	60	2.2%	70.1	23	0.8%	26.9	83	1.4%	96.9	1,031
20-29	137,878	564	20.3%	409.1	229	7.6%	166.1	793	13.6%	575.1	173
30-39	122,945	685	24.6%	557.2	553	18.3%	449.8	1,238	21.3%	1,007.0	99
40-49	128,283	759	27.3%	591.7	1,037	34.3%	808.4	1,796	30.9%	1,400.0	71
50-59	120,735	492	17.7%	407.5	849	28.1%	703.2	1,341	23.1%	1,110.7	90
60+	138,078	194	7.0%	140.5	334	11.0%	241.9	528	9.1%	382.4	261
TOTAL	881,138	2,784	100.0%	316.0	3,026	100.0%	343.4	5,810	100.0%	659.4	151

Age on [date]: Age group of living cases on the specified date.
Population: Population estimate for 7/1/2012.
Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 9 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, by Age on 12/31/2012, Reported through 12/31/2013

AGE ON 12/31/2012	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	43	20	46.5%	509	5.0%	15.0%	30.0%	50.0%
20-29	768	407	53.0%	464	15.2%	17.0%	23.6%	44.2%
30-39	1,237	626	50.6%	470	17.6%	15.2%	20.8%	46.5%
40-49	1,795	995	55.4%	469	14.9%	17.6%	21.1%	46.4%
50-59	1,341	750	55.9%	479	14.7%	17.7%	20.5%	47.1%
60+	528	253	47.9%	484	16.2%	19.0%	17.0%	47.8%
TOTAL	5,712	3,051	53.4%	471	15.5%	17.1%	20.9%	46.4%

Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, by Age on 12/31/2012, Reported through 12/31/2013

AGE ON 12/31/2012	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
13-19	43	20	46.5%	25.0%	2,629
20-29	768	415	54.0%	55.7%	12,310
30-39	1,237	628	50.8%	65.6%	13,896
40-49	1,795	975	54.3%	72.9%	9,845
50-59	1,341	709	52.9%	80.1%	4,870
60+	528	245	46.4%	78.4%	11,570
TOTAL	5,712	2,992	52.4%	70.8%	9,354

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Age on [date]: Age group of living cases on the specified date.
Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.
Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year
CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.
Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section V – Adult/Adolescent Cases by Demographics

Table 11 – Adult/Adolescent HIV Diagnoses during 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2013

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of % Late Diagnosis	% Late Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
Male	348,073	293	74.2%	84.2	193	65.9%	96	32.8%	222	75.8%	310
Female	385,495	102	25.8%	26.5	73	71.6%	35	34.3%	81	79.4%	381
TOTAL	733,568	395	100.0%	53.8	266	67.3%	131	33.2%	303	76.7%	321

Race/Ethnicity	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of % Late Diagnosis	% Late Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
Hispanic	104,447	19	4.8%	18.2	13	68.4%	7	36.8%	14	73.7%	330
Non-Hispanic	629,121	376	95.2%	59.8	253	67.3%	124	33.0%	289	76.9%	321
American Indian/Alaska Native, only	1,846	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
Asian, only	32,844	***	***	***	***	***	***	***	***	***	***
Black, only	464,571	341	86.3%	73.4	230	67.4%	107	31.4%	261	76.5%	323
Native Hawaiian/Other Pacific Islander, only	338	***	***	***	***	***	***	***	***	***	***
White only	117,427	18	4.6%	15.3	14	77.8%	5	27.8%	13	72.2%	676
Multiracial/Other	12,096	14	3.5%	115.7	8	57.1%	11	78.6%	13	92.9%	108
TOTAL	733,568	395	100.0%	53.8	266	67.3%	131	33.2%	303	76.7%	321

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of % Late Diagnosis	% Late Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
United States	535,681	296	74.9%	55.3	202	68.2%	93	31.4%	224	75.7%	317
Foreign-born	171,012	49	12.4%	28.7	32	65.3%	23	46.9%	42	85.7%	291
Africa	--	30	7.6%	--	19	63.3%	15	50.0%	26	86.7%	243
Asia	--	***	***	***	***	***	***	***	***	***	***
Caribbean	--	6	1.5%	--	6	100.0%	***	***	6	100.0%	690
Central America	--	9	2.3%	--	7	77.8%	***	***	8	88.9%	406
Other	--	***	***	***	***	***	***	***	***	***	***
Unknown	--	50	12.7%	--	32	64.0%	15	30.0%	37	74.0%	415
TOTAL	706,693	395	100.0%	55.9	266	67.3%	131	33.2%	303	76.7%	321

* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates
** Population data by country of birth are from the 2012 American Community Survey
*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.
Population Age 13+: Population greater than or equal to13 years old, estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.
Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.
Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.
Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.
Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.
Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 12 – Adult/Adolescent AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2013

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Male	348,073	144	66.1%	41.4	1.9	66.7%
Female	385,495	74	33.9%	19.2	3.4	51.4%
TOTAL	733,568	218	100.0%	29.7	2.4	61.5%

Race/Ethnicity	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	104,447	12	5.5%	11.5	1.3	58.3%
Non-Hispanic	629,121	206	94.5%	32.7	2.4	61.7%
American Indian/Alaska Native, only	1,846	0.0%	0.0%	0.0	--	0.0%
Asian, only	32,844	0.0%	0.0%	0.0	--	0.0%
Black, only	464,571	85.3%	90.3%	40.0	2.4	61.3%
Native Hawaiian/Other Pacific Islander, only	338	0.0%	0.0%	0.0	--	0.0%
White only	117,427	4.1%	4.4%	7.7	1.6	66.7%
Multiracial/Other	12,096	5.0%	5.3%	90.9	3.6	63.6%
TOTAL	733,568	218	100.0%	29.7	2.4	61.5%

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
United States	535,681	168	77.1%	31.4	2.7	58.9%
Foreign-born	171,012	29	13.3%	17.0	1.5	69.0%
Africa	--	22	75.9%	--	1.7	63.6%
Asia	--	***	***	***	***	***
Caribbean	--	***	***	***	***	***
Central America	--	***	***	***	***	***
Other	--	***	***	***	***	***
Unknown	--	21	9.6%	--	0.8	71.4%
TOTAL	706,693	218	100.0%	30.8	2.4	61.5%

* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates
** Population data by country of birth are from the 2012 American Community Survey
*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.
Population Age 13+: Population greater than or equal to13 years old, estimate for 7/1/2012.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.
Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 13 – Adult/Adolescent Living HIV Cases with and without AIDS by Sex at Birth, Race/Ethnicity, and Country of Birth, Alive on 12/31/2012 and Reported through 12/31/2013

SEX AT BIRTH	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Male	348,073	1,693	62.3%	486.4	1,924	64.3%	552.8	3,617	63.3%	1,039.1	96
Female	385,495	1,026	37.7%	266.2	1,069	35.7%	277.3	2,095	36.7%	543.5	184
TOTAL	733,568	2,719	100.0%	370.7	2,993	100.0%	408.0	5,712	100.0%	778.7	128

Race/Ethnicity	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Hispanic	104,447	155	5.7%	148.4	188	6.3%	180.0	343	6.0%	328.4	304
Non-Hispanic	629,121	2,564	94.3%	407.6	2,805	93.7%	445.9	5,369	94.0%	853.4	117
American Indian/Alaska Native, only	1,846	***	***	***	***	***	***	***	***	***	***
Asian, only	32,844	11	0.4%	33.5	8	0.3%	24.4	19	0.4%	57.8	1728
Black, only	464,571	2,355	86.6%	506.9	2,491	83.2%	536.2	4,846	84.8%	1,043.1	95
Native Hawaiian/Other Pacific Islander, only	338	***	***	***	***	***	***	***	***	***	***
White only	117,427	143	5.3%	121.8	211	7.0%	179.7	354	6.2%	301.5	331
Multiracial/ Other	12,096	54	2.0%	446.4	93	3.1%	768.9	147	2.6%	1,215.3	82
TOTAL	733,568	2,719	100.0%	370.7	2,993	100.0%	408.0	5,712	100.0%	778.7	128

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
United States	535,681	2,288	84.1%	427.1	2,497	83.4%	466.1	4,785	83.8%	893.3	111
Foreign-born	171,012	248	9.1%	145.0	406	13.6%	237.4	654	11.4%	382.4	261
Africa	--	140	5.1%	--	248	8.3%	--	388	6.8%	--	--
Asia	--	7	0.3%	--	10	0.3%	--	17	0.3%	--	--
Caribbean	--	24	0.9%	--	34	1.1%	--	58	1.0%	--	--
Central America	--	41	1.5%	--	81	2.7%	--	122	2.1%	--	--
Other	--	36	1.3%	--	33	1.1%	--	69	1.2%	--	--
Unknown	--	183	6.7%	--	90	3.0%	--	273	4.8%	--	--
TOTAL	706,693	2,719	100.0%	384.7	2,993	100.0%	423.5	5,712	100.0%	808.3	123

* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates
** Population data by country of birth are from the 2012 American Community Survey

Population Age 13+: Population greater than or equal to13 years old, estimate for 7/1/2012.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 14 –Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2012 and Reported through 12/31/2013

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male	3,617	1,886	52.1%	458	16.0%	18.0%	22.0%	44.0%
Female	2,095	1,165	55.6%	501	15.0%	15.0%	20.0%	50.0%
TOTAL	5,712	3,051	53.4%	471	16.0%	17.0%	21.0%	46.0%

Race/Ethnicity	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Hispanic	343	157	45.8%	433	15.0%	20.0%	22.0%	43.0%
Non-Hispanic	5,369	2,894	53.9%	475	16.0%	17.0%	21.0%	47.0%
American Indian/Alaska Native, only	***	***	***	***	***	***	***	***
Asian, only	19	9	47.4%	443	33.0%	11.0%	22.0%	33.0%
Black, only	4,846	2,618	54.0%	469	15.0%	17.0%	21.0%	46.0%
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***	***	***	***
White only	354	171	48.3%	542	15.0%	13.0%	15.0%	57.0%
Multiracial/Other	147	95	64.6%	466	18.0%	15.0%	20.0%	47.0%
TOTAL	5,712	3,051	53.4%	471	16.0%	17.0%	21.0%	46.0%

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
United States	4,785	2,528	52.8%	475	16.0%	16.4%	20.7%	46.9%
Foreign-born	654	351	53.7%	464	12.5%	20.5%	22.5%	44.4%
Africa	388	217	55.9%	453	11.5%	22.6%	24.9%	41.0%
Asia	17	9	52.9%	536	33.3%	0.0%	11.1%	55.6%
Caribbean	58	31	53.4%	576	6.5%	16.1%	16.1%	61.3%
Central America	122	61	50.0%	425	16.4%	23.0%	18.0%	42.6%
Other	69	33	47.8%	563	12.1%	12.1%	24.2%	51.5%
Unknown	273	172	63.0%	463	13.4%	20.9%	21.5%	44.2%
TOTAL	5,712	3,051	53.4%	471	15.5%	17.1%	20.9%	46.4%

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.
Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.
CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 15 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2012 and Reported through 12/31/2013

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male	3,617	1,836	50.8%	70.4%	11,556
Female	2,095	1,156	55.2%	71.5%	6,074
TOTAL	5,712	2,992	52.4%	70.8%	9,354

Race/Ethnicity	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	343	160	46.6%	77.5%	8,299
Non-Hispanic	5,369	2,832	52.7%	70.4%	9,494
American Indian/Alaska Native, only	***	***	***	***	***
Asian, only	19	10	0.3%	70.0%	75,480
Black, only	4,846	2,573	86.0%	70.3%	9,235
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***
White only	354	164	5.5%	78.7%	6,022
Multiracial/Other	147	84	2.8%	60.7%	22,969
TOTAL	5,712	2,992	52.4%	70.8%	9,354

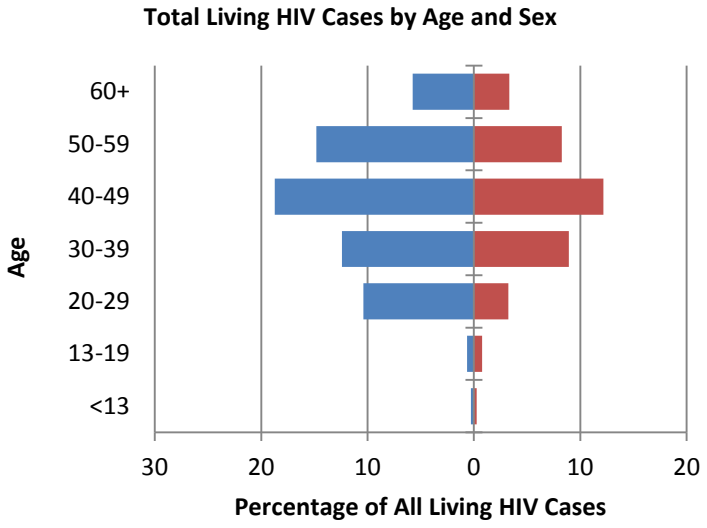
COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
United States	4,785	2,476	51.7%	69.7%	10,000
Foreign-born	2,259	1,147	63.0%	77.3%	2,541
Africa	388	209	5.7%	78.0%	1,225
Asia	17	9	0.3%	77.8%	132,641
Caribbean	58	32	1.1%	68.8%	7,206
Central America	122	62	2.1%	75.8%	7,998
Other	69	32	1.1%	84.4%	2,630
Unknown	273	172	5.7%	73.3%	6,479
TOTAL	5,712	2,992	52.4%	70.8%	9,354

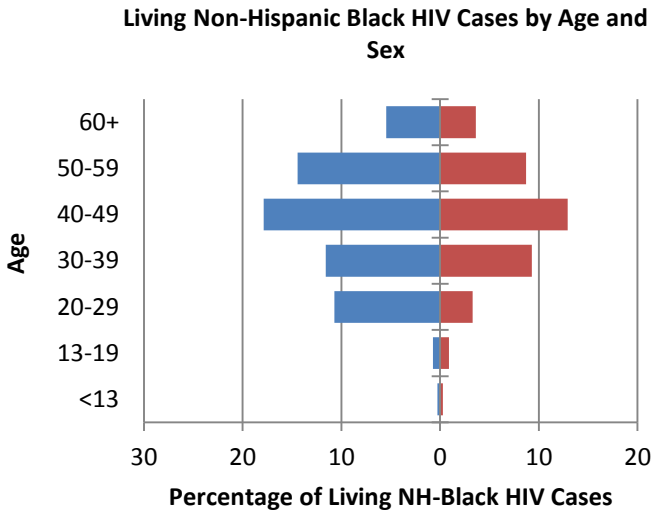
Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.
Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

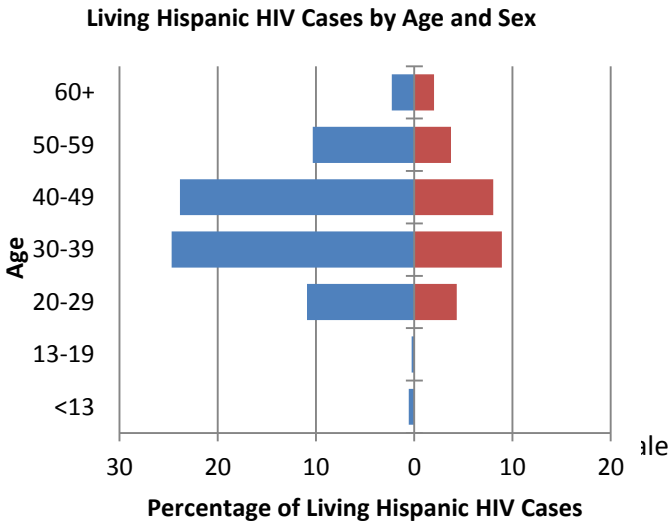
Section VI – HIV Cases by Expanded Demographics

Figure 8 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity, Alive on 12/31/2012 and Reported through 12/31/2013

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.







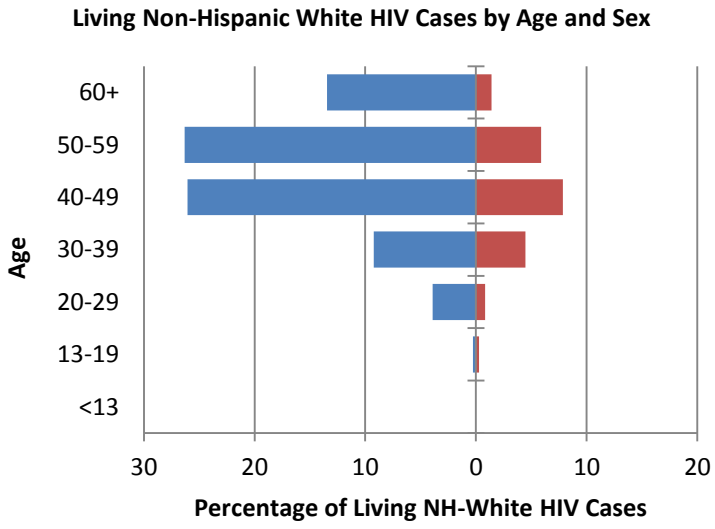


Table 16 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2012 and Reported through 12/31/2013

MALES						
AGE ON 12/31/2012		RACE/ETHNICITY				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	TOTAL MALES BY AGE GROUP
<13 (Pediatric)	**Population**	17,572	45,953	6,513	5,252	75,289
	Cases	2	13	0	1	16
	Rate	11.4	28.3	--	19.0	21.3
	Ratio (1 in X)	8,785	3,534	--	5,251	4,705
13-19	**Population**	7,348	27,931	5,558	2,979	43,817
	Cases	1	35	1	1	38
	Rate	13.6	125.3	18.0	33.6	86.7
	Ratio (1 in X)	7,348	798	5,558	2,979	1,153
20-29	**Population**	15,441	37,272	12,190	5,512	70,415
	Cases	38	528	14	24	604
	Rate	246.1	1,416.6	114.8	435.4	857.8
	Ratio (1 in X)	406	70	870	229	116
30-39	**Population**	16,798	32,479	6,576	3,899	59,752
	Cases	86	572	33	29	720
	Rate	512.0	1,761.1	501.8	743.8	1,205.0
	Ratio (1 in X)	195	56	199	134	82
40-49	**Population**	10,332	39,310	7,515	3,128	60,285
	Cases	83	881	93	31	1,088
	Rate	803.3	2,241.2	1,237.5	991.0	1,804.8
	Ratio (1 in X)	124	44	80	100	55
50-59	**Population**	5,247	36,047	10,903	2,913	55,110
	Cases	36	712	94	19	861
	Rate	686.1	1,975.2	862.1	652.2	1,562.3
	Ratio (1 in X)	145	50	115	153	64
60+	**Population**	2,843	36,103	16,234	3,514	58,694
	Cases	8	269	48	10	335
	Rate	281.4	745.1	295.7	284.6	570.8
	Ratio (1 in X)	355	134	338	351	175
TOTAL MALES BY RACE/ ETHNICITY	**Population**	75,581	255,095	65,489	27,197	423,362
	Cases	254	3,010	283	115	3,662
	Rate	336.1	1,180.0	432.1	422.8	865.0
	Ratio (1 in X)	297	84	231	236	115

Age on [date]: Age group of living cases on the specified date.
Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.
Population: Population estimate for 7/1/2012.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 17 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2012 and Reported through 12/31/2013

FEMALES						
AGE ON 12/31/2012		RACE/ETHNICITY				
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	TOTAL FEMALES BY AGE GROUP
<13 (Pediatric)	**Population**	16,529	44,689	6,040	5,024	72,281
	Cases	0	14	0	1	15
	Rate	--	31.3	--	19.9	20.8
	Ratio (1 in X)	--	3,192	--	5,023	4,818
13-19	**Population**	6,511	27,442	4,944	2,934	41,832
	Cases	0	44	1	0	45
	Rate	--	160.3	20.2	--	107.6
	Ratio (1 in X)	--	623	4,944	--	929
20-29	**Population**	11,600	40,808	9,873	5,182	67,463
	Cases	15	162	3	9	189
	Rate	129.3	397.0	30.4	173.7	280.2
	Ratio (1 in X)	773	251	3,291	575	356
30-39	**Population**	12,395	39,934	6,205	4,659	63,193
	Cases	31	459	16	12	518
	Rate	250.1	1,149.4	257.9	257.6	819.7
	Ratio (1 in X)	399	87	387	388	121
40-49	**Population**	7,818	49,271	7,109	3,800	67,998
	Cases	28	637	28	15	708
	Rate	358.1	1,292.8	393.9	394.7	1,041.2
	Ratio (1 in X)	279	77	253	253	96
50-59	**Population**	4,670	46,278	10,723	3,954	65,625
	Cases	13	430	21	16	480
	Rate	278.4	929.2	195.8	404.7	731.4
	Ratio (1 in X)	359	107	510	247	136
60+	**Population**	3,443	51,696	19,596	4,649	79,384
	Cases	7	178	5	3	193
	Rate	203.3	344.3	25.5	64.5	243.1
	Ratio (1 in X)	491	290	3,919	1,549	411
TOTAL FEMALES BY RACE/ ETHNICITY	**Population**	62,966	300,118	64,490	30,202	457,776
	Cases	94	1,924	74	56	2,148
	Rate	149.3	641.1	114.7	185.4	469.2
	Ratio (1 in X)	669	155	871	539	213

Age on [date]: Age group of living cases on the specified date.
Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.
Population: Population estimate for 7/1/2012.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Section VII – HIV Exposure Category

Table 18 – Adult/Adolescent HIV Diagnoses during 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	217	100.0%	152	70.0%	68	31.3%	81.6%	343
Men who have Sex with Men (MSM)	138	64.8%	89	64.5%	39	28.3%	80.4%	339
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	69	32.4%	55	79.7%	24	34.8%	84.1%	352
Other Exposure	***	***	***	***	***	***	***	***
No Reported Exposure	182		117	64.3%	64	35.2%	71.4%	309
TOTAL	395		266	67.3%	131	33.2%	76.7%	321

MALES EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	175	100.0%	120	68.6%	54	30.9%	80.6%	323
Men who have Sex with Men (MSM)	138	78.9%	89	64.5%	39	28.3%	80.4%	339
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	32	18.3%	27	84.4%	12	37.5%	84.4%	262
Other Exposure	0	0.0%	0	0.0%	0	0.0%	0.0%	--
No Reported Exposure	118		73	61.9%	42	35.6%	68.6%	282
TOTAL	293		193	65.9%	96	32.8%	75.8%	310

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	42	100.0%	32	76.2%	14	33.3%	85.7%	432
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	37	88.1%	28	75.7%	12	32.4%	83.8%	435
Other Exposure	***	***	***	***	***	***	***	***
No Reported Exposure*	64		44	68.8%	22	34.4%	76.6%	356
TOTAL	102		73	71.6%	35	34.3%	79.4%	381

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.
Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.
Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.
Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.
Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.
Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 19 – Adult/Adolescent AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	114	100.0%	2.5	63.2%
Men who have Sex with Men (MSM)	57	50.0%	2.2	71.9%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***
Heterosexual Exposure (HET)	49	43.0%	2.7	51.0%
Other Exposures	***	***	***	***
No Reported Exposure	106		2.3	59.4%
TOTAL	218		2.4	61.5%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	82	78.9%	2.2	68.3%
Men who have Sex with Men (MSM)	57	69.5%	2.2	71.9%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***
Heterosexual Exposure (HET)	22	26.8%	2.6	54.5%
Other Exposures	***	***	***	***
No Reported Exposure	62		1.4	64.5%
TOTAL	144		1.9	66.7%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	32	100.0%	3.3	50.0%
Injection Drug Users (IDU)	***	***	***	***
Heterosexual Exposure (HET)	27	84.4%	2.9	48.1%
Other Exposures	***	***	***	***
No Reported Exposure*	44		3.7	52.3%
TOTAL	74		3.4	51.4%

* Includes 2 cases with Presumed Female Heterosexual exposure

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.
Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.
Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to12 months prior to their initial AIDS diagnosis.

Table 20 – Adult/Adolescent Living HIV Cases with and without AIDS by Exposure Category and Sex at Birth, Alive on 12/31/2012 and Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	1,482	100.0%	2,166	100.0%	3,648	100.0%
Men who have Sex with Men (MSM)	758	51.1%	790	36.5%	1,548	42.4%
Injection Drug Users (IDU)	85	5.7%	355	16.4%	440	12.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	18	1.2%	55	2.5%	73	2.0%
Heterosexual Exposure (HET)	599	40.4%	933	43.1%	1,532	42.0%
Other Exposures	3	0.2%	8	0.4%	11	0.3%
No Reported Exposure	1,256		852		2,108	
TOTAL	2,738		3,018		5,756	

MALES EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	1,020	100.0%	1,447	100.0%	2,467	100.0%
Men who have Sex with Men (MSM)	758	74.3%	790	54.6%	1,548	62.7%
Injection Drug Users (IDU)	51	5.0%	221	15.3%	272	11.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	18	1.8%	55	3.8%	73	3.0%
Heterosexual Exposure (HET)	193	18.9%	379	26.2%	572	23.2%
Other Exposures	0	0.0%	2	0.1%	2	0.1%
No Reported Exposure	673		477		1,150	
TOTAL	1,693		1,924		3,617	

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	462	100.0%	719	100.0%	1,181	100.0%
Injection Drug Users (IDU)	34	7.7%	134	19.3%	168	14.8%
Heterosexual Exposure (HET)	406	91.6%	554	79.8%	960	84.4%
Other Exposures	3	0.7%	6	0.9%	9	0.8%
No Reported Exposure*	583		375		958	
TOTAL	1,045		1,094		2,139	

* Includes 19 HIV cases without AIDS and 45 HIV cases with AIDS with Presumed Female Heterosexual exposure

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 21 – Adult/Adolescent Total Living HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2012 and Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	239	100.0%	3,028	100.0%	261	100.0%
Men who have Sex with Men (MSM)	101	42.3%	1,208	39.9%	177	67.8%
Injection Drug Users (IDU)	15	6.3%	380	12.5%	28	10.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	58	1.9%	9	3.4%
Heterosexual Exposure (HET)	117	49.0%	1,334	44.1%	44	16.9%
Other Exposures	***	***	9	0.3%	2	0.8%
No Reported Exposure	107		1,857		94	
TOTAL	346		4,885		355	

MALES EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	178	100.0%	1,989	100.0%	218	100.0%
Men who have Sex with Men (MSM)	101	56.7%	1,208	60.7%	177	81.2%
Injection Drug Users (IDU)	11	6.2%	238	12.0%	15	6.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	58	2.9%	9	4.1%
Heterosexual Exposure (HET)	63	35.4%	484	24.3%	16	7.3%
Other Exposures	***	***	1	0.1%	1	0.5%
No Reported Exposure	72		982		64	
TOTAL	250		2,971		282	

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	61	100.0%	1,039	100.0%	43	100.0%
Injection Drug Users (IDU)	***	***	142	13.7%	13	30.2%
Heterosexual Exposure (HET)	54	88.5%	850	81.8%	28	65.1%
Other Exposures	***	***	8	0.8%	1	2.3%
No Reported Exposure*	35		875		30	
TOTAL	96		1,914		73	

* Includes 3 Hispanic cases, 39 non-Hispanic black cases, and 1 non-Hispanic white cases with Presumed Female Heterosexual exposure

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 22 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results by Exposure Category, Alive on 12/31/2012 and Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
With Exposure	3,648	1,945	53.3%	475	14.9%	16.7%	21.5%	47.0%
Men who have Sex with Men (MSM)	1,548	782	50.5%	493	13.2%	16.4%	21.7%	48.7%
Injection Drug Users (IDU)	440	231	52.5%	401	25.5%	19.5%	16.9%	38.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	73	38	52.1%	422	10.5%	21.1%	39.5%	28.9%
Heterosexual Exposure (HET)	1,532	865	56.5%	488	13.4%	16.0%	21.7%	48.9%
Other Exposures	11	6	54.5%	372	50.0%	0.0%	0.0%	50.0%
No Reported Exposure	3,604	1,922	53.3%	477	14.8%	16.6%	21.4%	47.1%
TOTAL	5,712	3,051	53.4%	471	15.5%	17.1%	20.9%	46.4%

* Includes 44 cases with Presumed Female Heterosexual exposure

Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2012 and Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Results			
		No. with Test	% with Test	% Suppressed	Median Count
With Exposure	3,648	1,877	51.5%	71.3%	10,000
Men who have Sex with Men (MSM)	1,548	761	49.2%	69.4%	12,960
Injection Drug Users (IDU)	440	201	45.7%	67.7%	15,655
Men who have Sex with Men and Inject Drugs (MSM/IDU)	73	33	45.2%	66.7%	11,300
Heterosexual Exposure (HET)	1,532	855	55.8%	74.4%	5,571
Other Exposures	11	5	45.5%	40.0%	41,740
No Reported Exposure	2,108	1,137	53.9%	69.9%	8,052
TOTAL	5,756	3,014	52.4%	70.8%	9,354

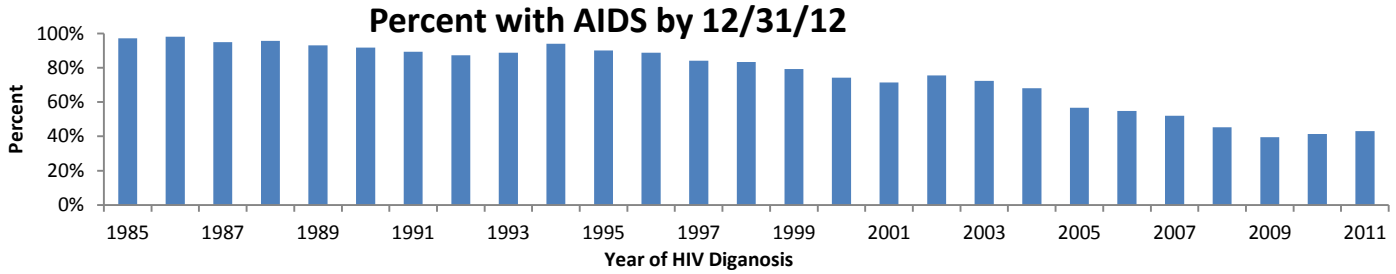
* Includes 44 cases with Presumed Female Heterosexual exposure

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.
Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.
CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.
Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section VIII – Disease Progression and Mortality

Figure 9 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2011, Reported through 12/31/2013

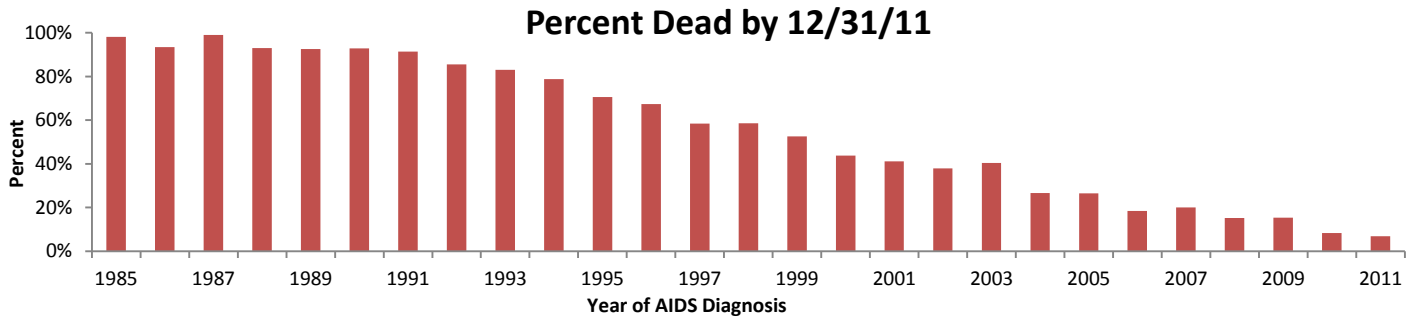
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/11 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2012 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2012, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2011, as Reported by Name through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	62	58	93.5%	6.4	51.6%	51.6%	53.2%	64.5%
1985	107	104	97.2%	5	50.5%	51.4%	55.1%	76.6%
1986	157	154	98.1%	5	38.9%	40.1%	50.3%	87.3%
1987	221	210	95.0%	3.9	45.7%	46.2%	62.4%	86.0%
1988	229	219	95.6%	3.1	48.9%	53.3%	74.7%	89.5%
1989	304	283	93.1%	3.2	47.0%	49.0%	73.4%	86.8%
1990	328	301	91.8%	2.8	50.3%	57.9%	75.3%	86.0%
1991	377	337	89.4%	2.5	49.6%	57.8%	76.1%	83.8%
1992	336	293	87.2%	2.8	51.2%	57.4%	72.9%	78.9%
1993	295	262	88.8%	2.3	57.3%	62.4%	73.6%	82.7%
1994	265	249	94.0%	1.4	71.7%	77.0%	83.8%	91.7%
1995	272	245	90.1%	1.7	66.9%	72.4%	76.8%	87.5%
1996	268	238	88.8%	1.7	65.7%	68.3%	77.2%	85.1%
1997	296	249	84.1%	1.6	63.2%	66.6%	73.6%	81.1%
1998	277	231	83.4%	1.8	60.3%	64.6%	70.4%	80.1%
1999	299	237	79.3%	1.4	62.9%	66.9%	70.2%	75.9%
2000	287	213	74.2%	1.2	58.5%	60.6%	67.9%	72.8%
2001	288	206	71.5%	1.1	55.6%	58.3%	66.7%	70.5%
2002	324	245	75.6%	0.8	64.2%	68.2%	72.2%	74.7%
2003	381	276	72.4%	0.9	60.4%	63.0%	66.7%	--
2004	401	273	68.1%	1.2	54.6%	57.1%	60.6%	--
2005	403	228	56.6%	0.8	48.1%	50.4%	52.9%	--
2006	426	234	54.9%	0.9	44.6%	46.5%	51.4%	--
2007	496	258	52.0%	0.9	40.7%	42.5%	49.6%	--
2008	495	224	45.3%	0.9	34.9%	38.0%	--	--
2009	481	190	39.5%	0.7	31.2%	33.5%	--	--
2010	473	196	41.4%	0.4	35.7%	39.5%	--	--
2011	442	190	43.0%	0.4	37.8%	--	--	--
TOTAL	8,990	6,403	71.2%	1.9	50.2%	53.7%	61.7%	68.4%

Figure 10 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2011, Reported through 12/31/2012

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/11 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2012 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2012, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2011, as Reported by Name through 12/31/2013

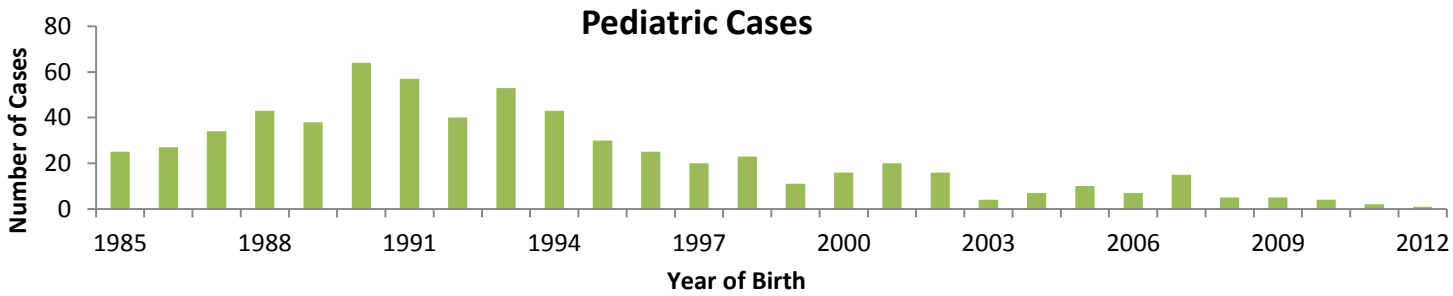


YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	38	38	100.0%	0.9	31.6%	5.3%	2.6%	0.0%
1985	52	51	98.1%	1.7	38.5%	15.4%	13.5%	3.8%
1986	62	58	93.5%	1.8	53.2%	35.5%	12.9%	9.7%
1987	104	103	99.0%	1.8	45.2%	25.0%	9.6%	3.8%
1988	114	106	93.0%	1.7	59.6%	37.7%	14.9%	7.0%
1989	149	138	92.6%	2.3	63.8%	45.0%	16.8%	10.7%
1990	197	183	92.9%	2.4	63.5%	45.7%	19.3%	11.2%
1991	255	233	91.4%	2.3	66.7%	48.2%	16.9%	11.8%
1992	318	272	85.5%	2.9	75.2%	51.3%	24.8%	19.8%
1993	295	245	83.1%	3.1	70.2%	54.6%	32.2%	24.1%
1994	259	204	78.8%	2.4	72.2%	50.6%	32.4%	23.9%
1995	279	197	70.6%	3.5	71.0%	60.2%	49.5%	36.9%
1996	233	157	67.4%	4.5	78.5%	70.0%	58.4%	44.2%
1997	183	107	58.5%	3.6	79.8%	72.7%	57.9%	47.0%
1998	169	99	58.6%	5.2	87.0%	84.0%	71.0%	50.3%
1999	173	91	52.6%	3.6	83.8%	74.0%	65.9%	49.7%
2000	185	81	43.8%	4.7	91.4%	89.7%	76.8%	58.9%
2001	192	79	41.1%	3.5	84.4%	81.3%	70.8%	62.0%
2002	274	104	38.0%	3	86.9%	82.1%	71.2%	63.5%
2003	307	124	40.4%	2.8	85.0%	79.8%	69.1%	--
2004	240	64	26.7%	2.3	88.3%	85.8%	77.1%	--
2005	298	79	26.5%	2	88.3%	85.2%	76.8%	--
2006	286	53	18.5%	2	92.3%	89.5%	82.9%	--
2007	234	47	20.1%	1.4	88.5%	85.9%	81.6%	--
2008	204	31	15.2%	0.9	89.2%	87.3%	--	--
2009	188	29	15.4%	0.8	90.4%	86.2%	--	--
2010	263	22	8.4%	0.6	93.9%	92.0%	--	--
2011	231	16	6.9%	0.5	94.8%	--	--	--
TOTAL	5,782	3,011	52.1%	2.8	79.8%	70.5%	57.7%	50.8%

Section IX – Pediatric Cases

Figure 11 – Trends in Pediatric HIV Cases, 1985-2012, Reported through 12/31/2013

Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Pediatric Total Living HIV Cases) from 1985 through 2012, as Reported by Name through 12/31/2013



YEAR	Pediatric Reported HIV Diagnoses				Pediatric Total Living HIV Cases
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on 12/31 of Each Year
<1985	12	4	1	0	
1985	1	2	1	0	6
1986	0	2	0	0	8
1987	5	4	4	0	12
1988	5	2	1	2	12
1989	7	4	4	1	15
1990	12	9	5	4	19
1991	8	7	6	3	23
1992	6	7	5	0	30
1993	11	8	6	3	35
1994	14	6	2	1	40
1995	9	9	7	5	38
1996	10	7	6	2	41
1997	1	3	5	0	44
1998	4	3	0	2	45
1999	4	11	4	0	53
2000	6	3	4	0	54
2001	5	2	1	2	56
2002	4	6	0	0	63
2003	0	2	0	4	62
2004	3	4	2	3	64
2005	5	6	1	2	69
2006	4	6	3	0	74
2007	4	14	2	0	87
2008	0	3	1	0	90
2009	0	0	0	0	90
2010	0	1	1	1	92
2011	1	4	1	0	95
2012	0	2	2	0	98
TOTAL	141	141	75	35	--

Table 24 – Pediatric HIV Diagnoses during 2012 and Pediatric Total Living HIV Cases, Alive on 12/31/2012, by Jurisdiction, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
20607	0	0.0%	1	1.0%
20706	0	0.0%	5	5.1%
20707	0	0.0%	1	1.0%
20710	0	0.0%	1	1.0%
20712	0	0.0%	4	4.1%
20716	0	0.0%	1	1.0%
20721	0	0.0%	3	3.1%
20735	0	0.0%	8	8.2%
20737	0	0.0%	4	4.1%
20740	0	0.0%	1	1.0%
20743	1	50.0%	6	6.1%
20744	0	0.0%	5	5.1%
20745	0	0.0%	4	4.1%
20746	0	0.0%	6	6.1%
20747	0	0.0%	3	3.1%
20748	0	0.0%	9	9.2%
20770	0	0.0%	2	2.0%
20772	0	0.0%	3	3.1%
20774	0	0.0%	3	3.1%
20781	0	0.0%	1	1.0%
20782	0	0.0%	9	9.2%
20783	0	0.0%	5	5.1%
20784	1	50.0%	3	3.1%
20785	0	0.0%	9	9.2%
Unknown	0	0.0%	1	1.0%
TOTAL	2	100.0%	98	100.0%

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis for pediatric reported HIV diagnoses, and jurisdiction of residence at later of time of initial HIV diagnosis or initial AIDS diagnosis for pediatric total living HIV cases.
Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.
Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 25 – Pediatric HIV Diagnosis during 2012 and Pediatric Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2012 and Reported through 12/31/2013

SEX AT BIRTH	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Male	1	50.0%	45	45.9%
Female	1	50.0%	53	54.1%
TOTAL	2	100.0%	98	100.0%

RACE/ETHNICITY	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Hispanic	0	0.0%	5	5.1%
Non-Hispanic	2	100.0%	93	94.9%
American Indian/ Alaska Native, only	0	0.0%	0	0.0%
Asian, only	0	0.0%	0	0.0%
Black, only	2	100.0%	88	94.6%
Native Hawaiian/Other Pacific Islander, only	0	0.0%	0	0.0%
White, only	0	0.0%	3	3.2%
Multiracial/Other	0	0.0%	2	2.2%
TOTAL	2	100.0%	98	100.0%

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.
Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Glossary of Terms

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis**.**

Age on [date]: Age group of living cases on the specified date.

AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis that have died due to any cause.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Confirmed Perinatal HIV Transmissions: Reported babies born to an HIV positive mother, with a confirmed HIV diagnosis.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at the later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Live Births: Babies born alive in the general population.

Living HIV Cases with AIDS: Reported HIV diagnoses with an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Living HIV Cases without AIDS: Reported HIV diagnoses without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Mean Years from AIDS diagnosis to AIDS Death: Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

Median: The measure of central location which divides a set of data into two equal parts.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Percent Alive by Years after AIDS Diagnosis: Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Percent with AIDS: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis by 12/31/2011.

Percent with AIDS by Years after HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

Perinatal HIV Transmission Rate: Percent of confirmed perinatal HIV transmissions among reported perinatal HIV exposures.

Population: Population estimate for 7/1/2012.

Population Age 13+: Population age13 years or older, estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Reported AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Reported Perinatal HIV Exposures: Reported babies born to an HIV positive mother during the specified year.

Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Women of Childbearing Age Total Living HIV cases: Reported HIV diagnoses among women of child bearing age (13-49 years old) on December 31st of the specified year